

Fig. 2

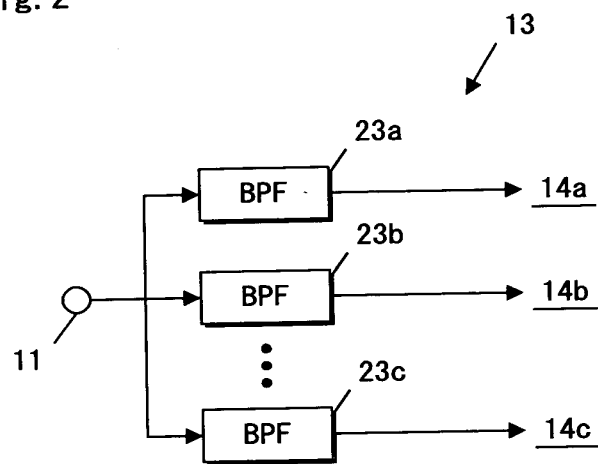


Fig. 3

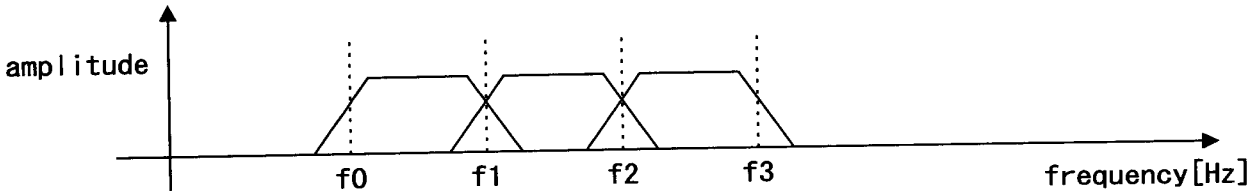


Fig. 4

*1	*2		frequency interval (Hz)										*13
27.5	A	0											27.5
29	A#	0											29
31	B	0											31
33	C	0											33
35	C#	0											35
37	D	0											37
39	D#	0											39
41	E	0											41
44	F	0											44
46	F#	0											46
49	G	0											49
52	G#	0											52
55	A	1						*8					55
58	A#	1						29					58
62	B	1						31					62
65	C	1						33					65
69	C#	1						35					69
73	D	1						37					73
78	D#	1						39					78
82	E	1						41	*9	*10	*11	*12	82
87	F	1						44	51	60	68	78	87
92	F#	1						46	54	63	72	82	92
98	G	1						49	58	67	77	87	98
104	G#	1						52	61	71	81	92	104
110	A	2			*5	*6		55	65	75	86	98	110
117	A#	2			30	39	*7	58	68	79	91	103	117
123	B	2		*4	32	41	51	62	72	84	97	110	123
131	C	2		25	34	44	54	65	77	89	102	116	131
139	C#	2		26	36	46	57	69	81	95	108	123	139
147	D	2	*3	28	38	49	61	73	86	100	115	130	147
156	D#	2	19	29	40	52	64	78	91	106	122	138	156
165	E	2	20	31	43	55	68	82	97	112	129	146	165
175	F	2	21	33	45	58	72	87	102	119	137	155	175
185	F#	2	23	35	48	62	77	92	109	126	145	164	185
196	G	2	24	37	51	66	81	98	115	134	153	174	196
208	G#	2	25	39	54	70	86	104	122	142	162	184	208

*1: fundamental frequency (Hz)

*2: musical scale

*3: major 2nd

*4: minor 3rd

*5: major 3rd

*6: perfect 4th

*7: augmented 4th

*8: perfect 5th

*9: minor 6th

*10: major 6th

*11: minor 7th

*12: major 7th

*13: perfect 8th

Fig. 5(a)

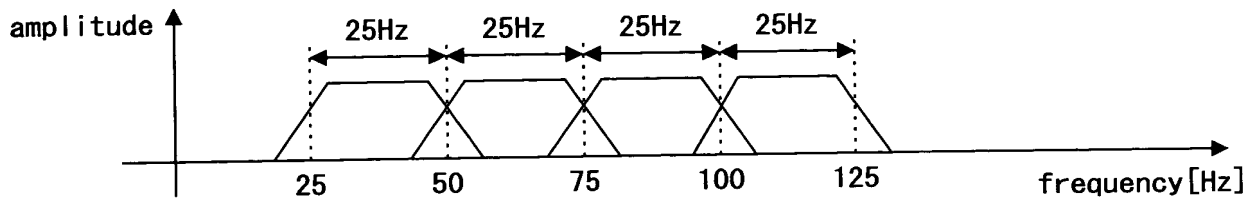


Fig. 5(b)

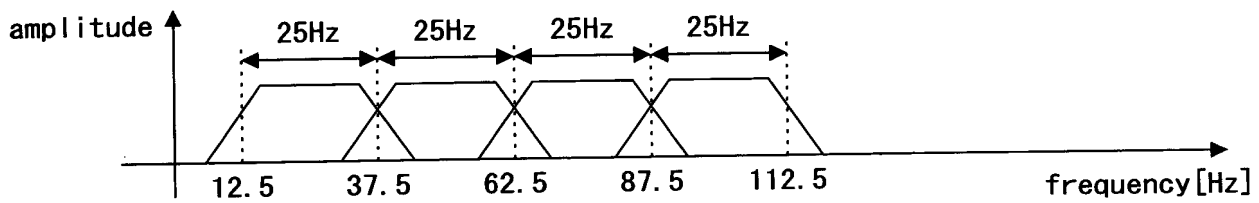


Fig. 5(c)

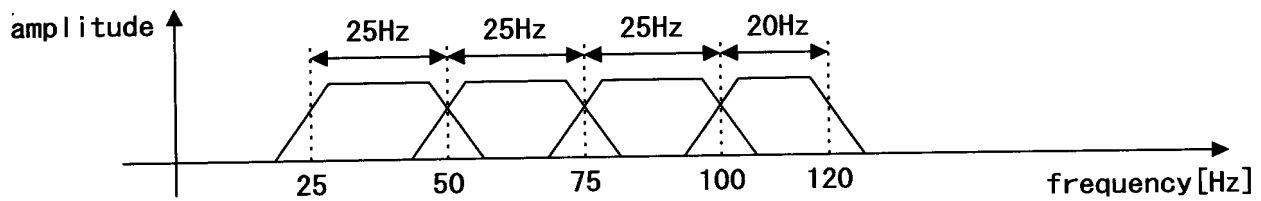


Fig. 5(d)

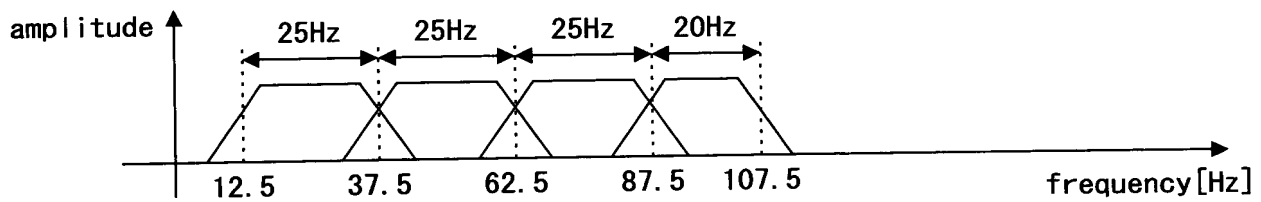


Fig. 6(a)

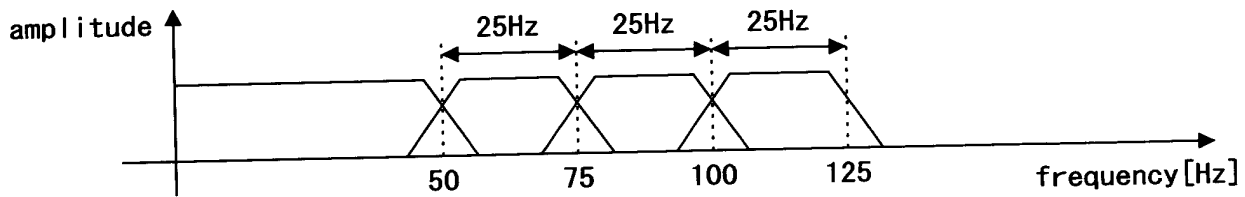


Fig. 6(b)

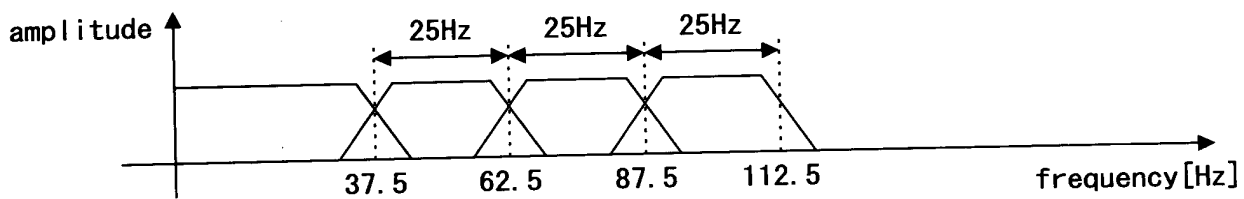


Fig. 6(c)

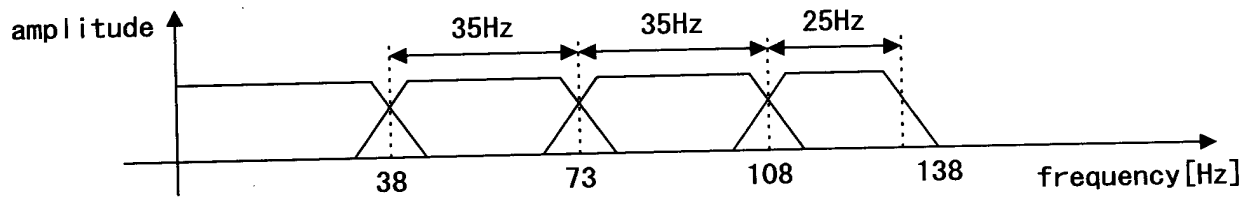


Fig. 6(d)

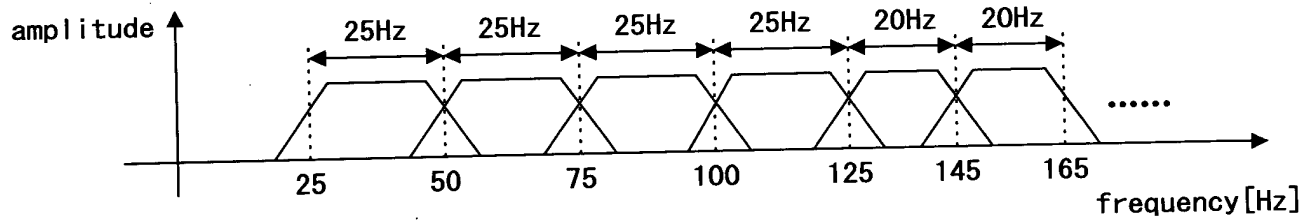


Fig. 7(a)

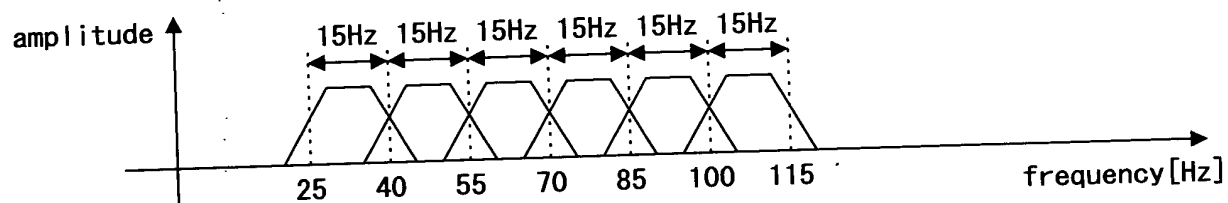


Fig. 7(b)

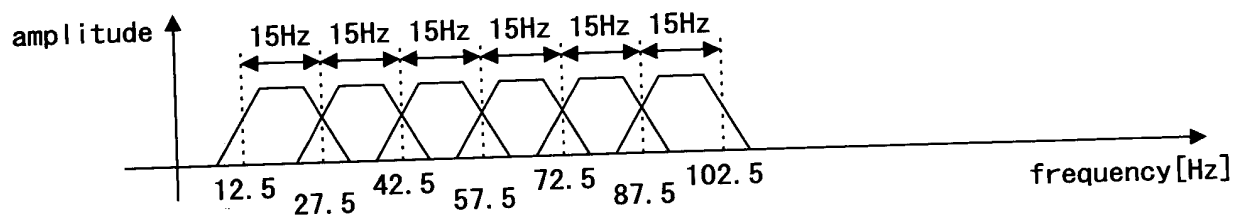


Fig. 7(c)

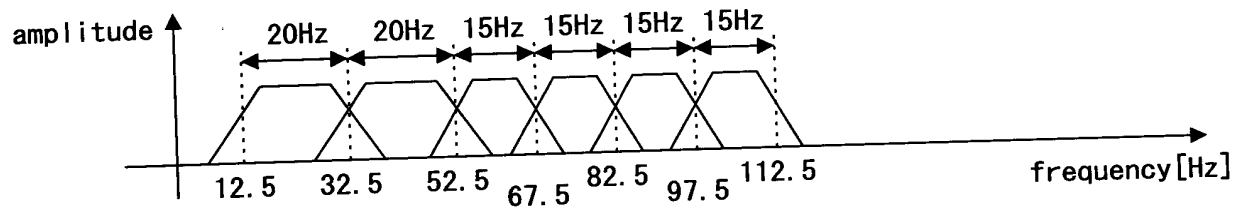


Fig. 7(d)

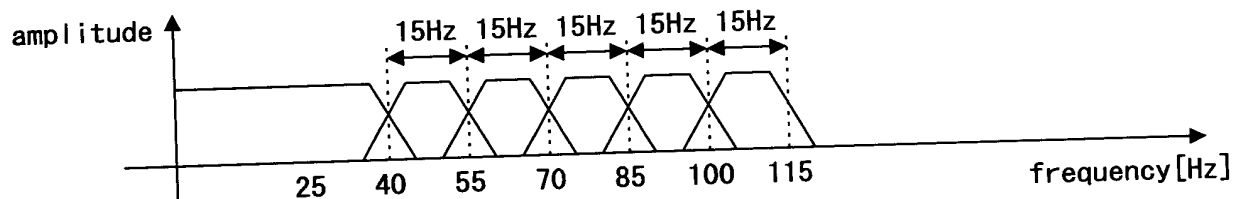


Fig. 8

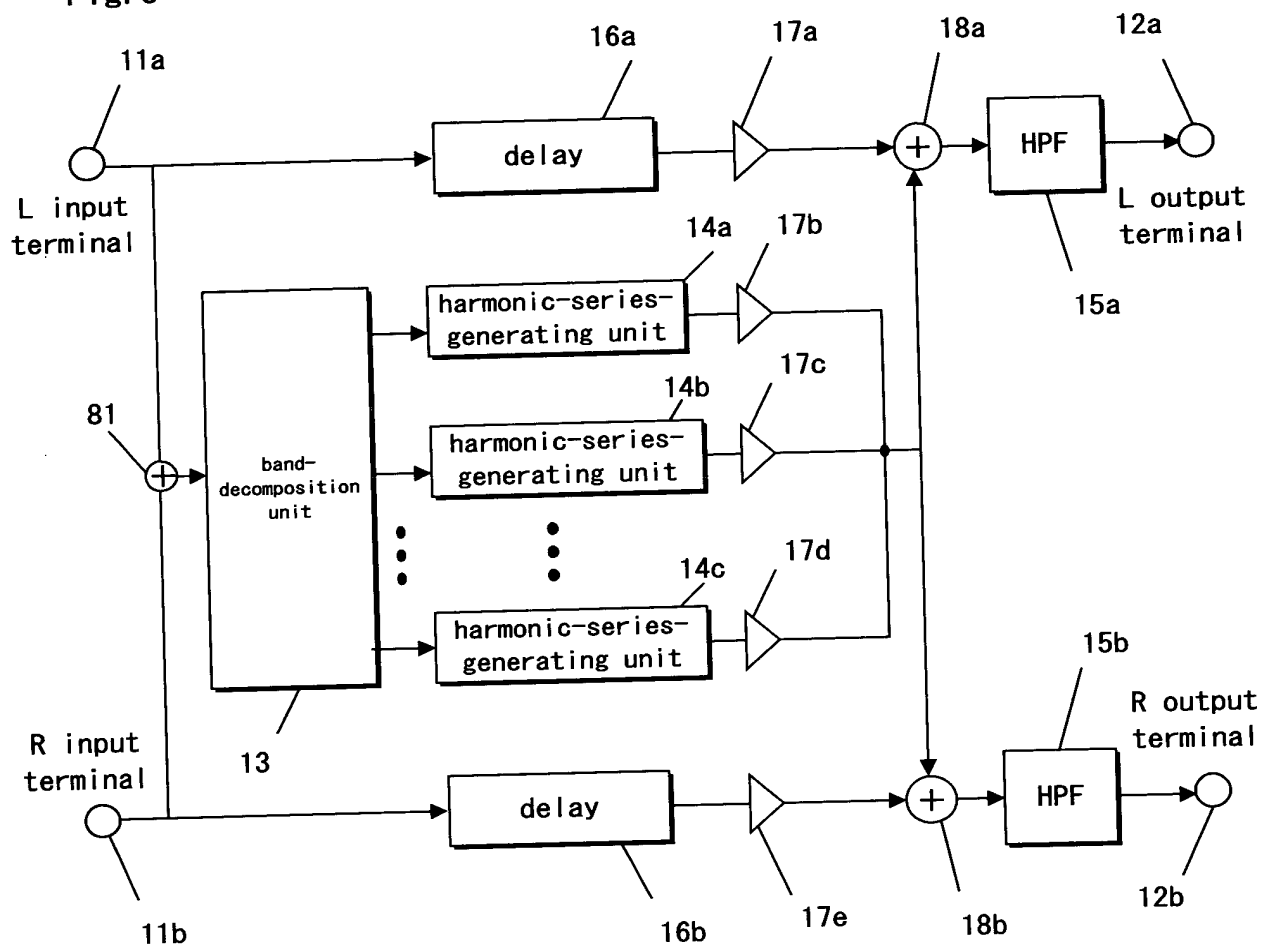


Fig. 9(a) Prior Art

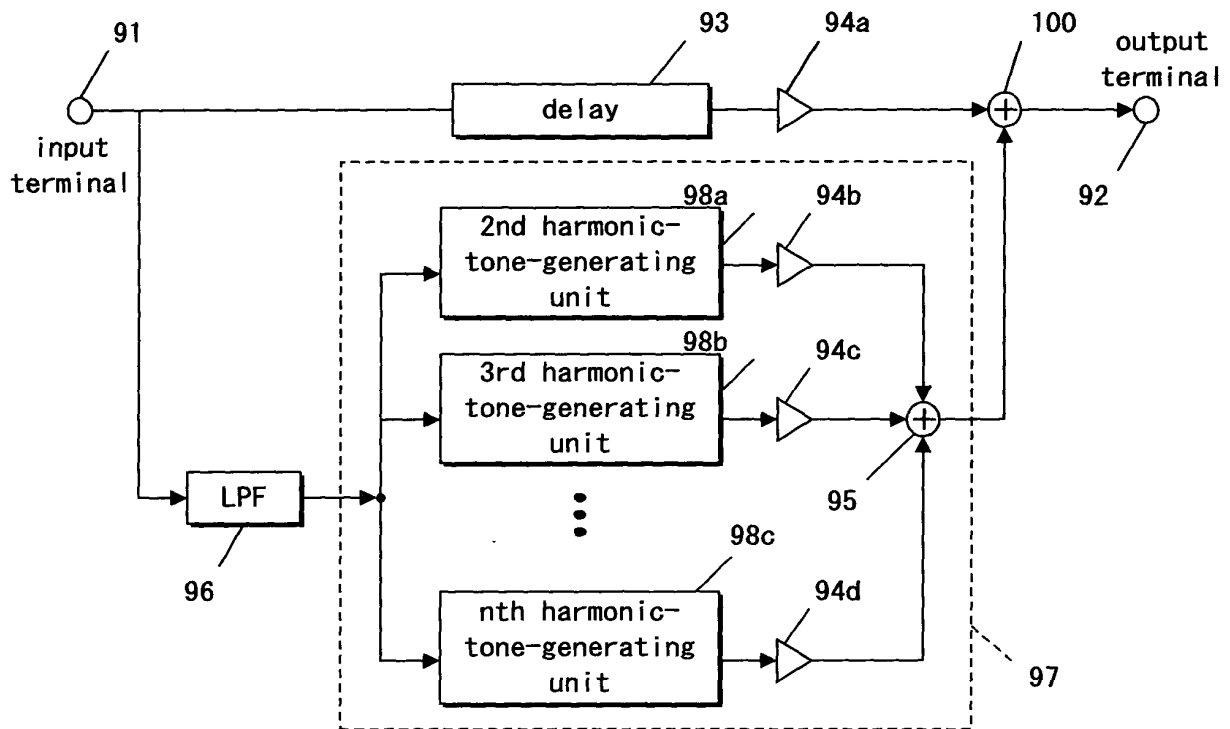


Fig. 9(b) Prior Art

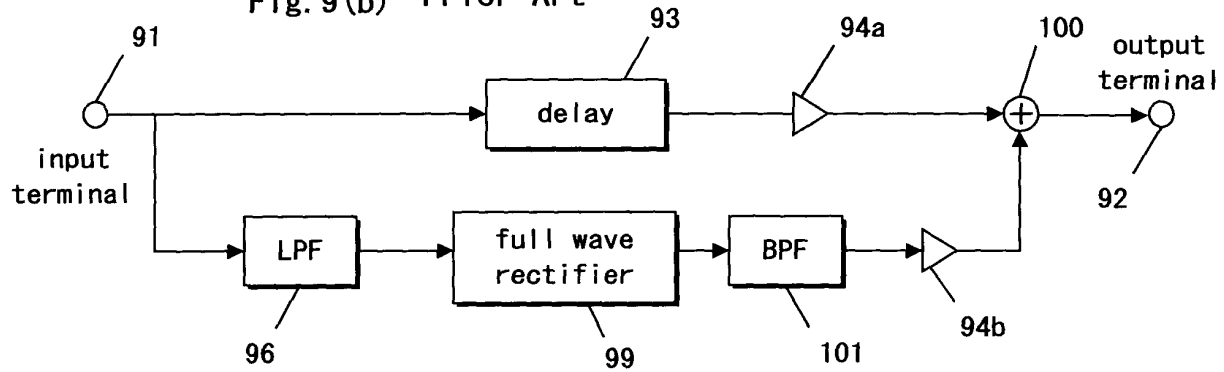


Fig. 9(c) Prior Art

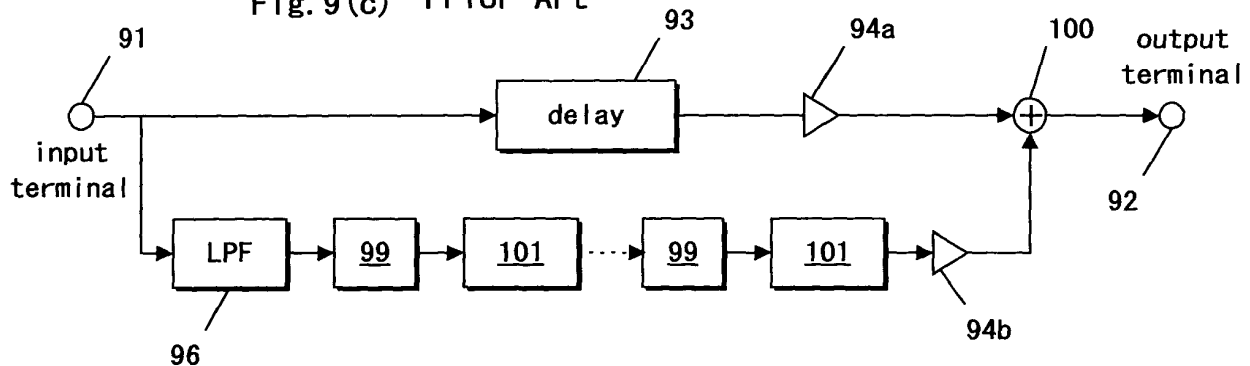


Fig. 10(a) Prior Art

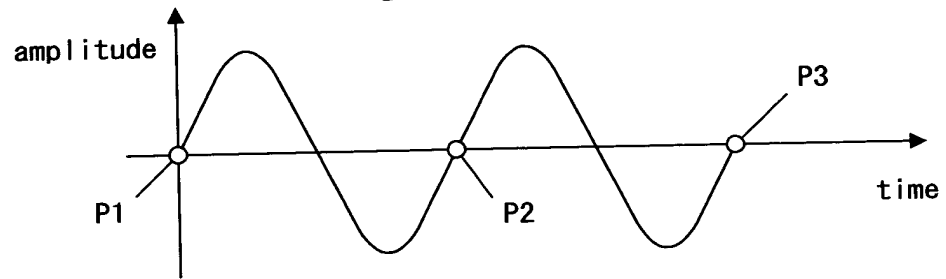


Fig. 10(b) Prior Art

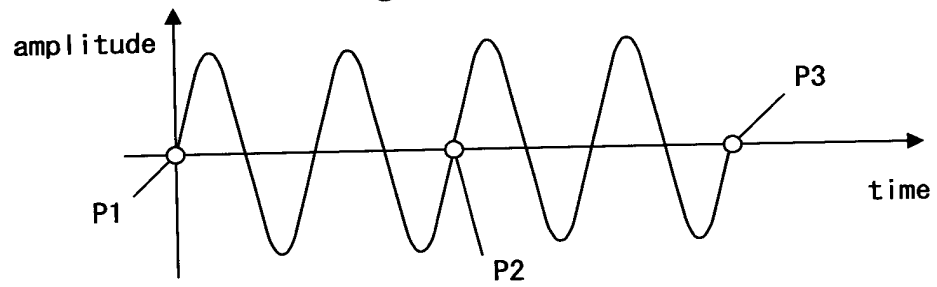


Fig. 11(a) Prior Art

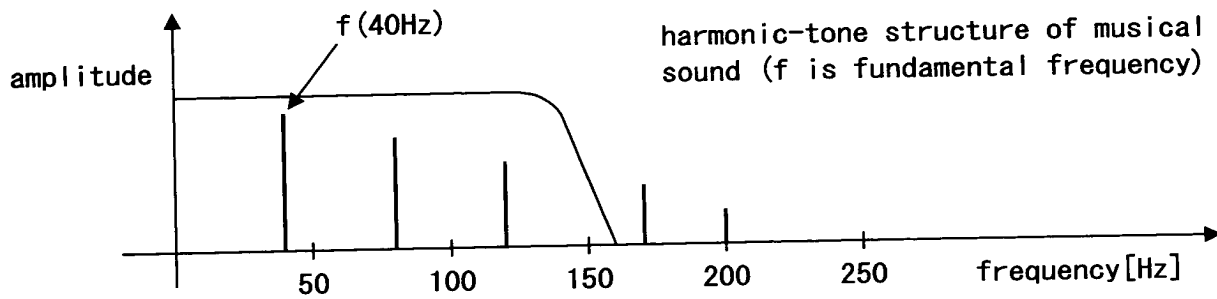


Fig. 11(b) Prior Art

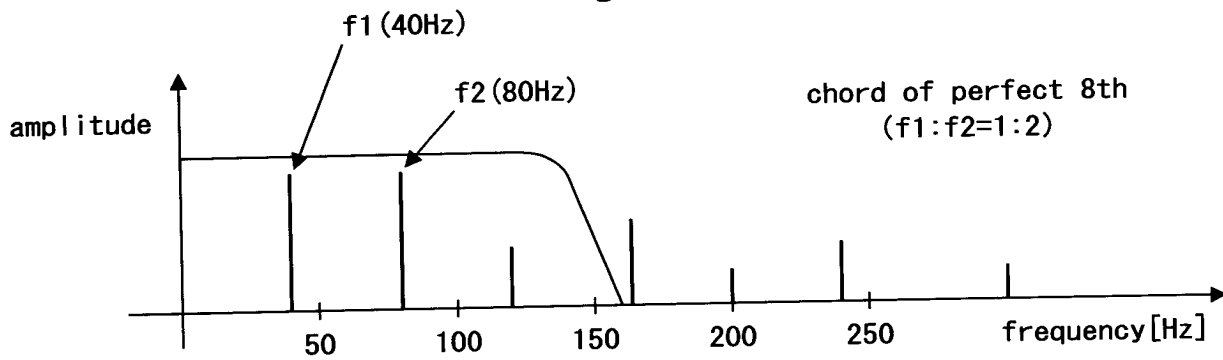


Fig. 11(c) Prior Art

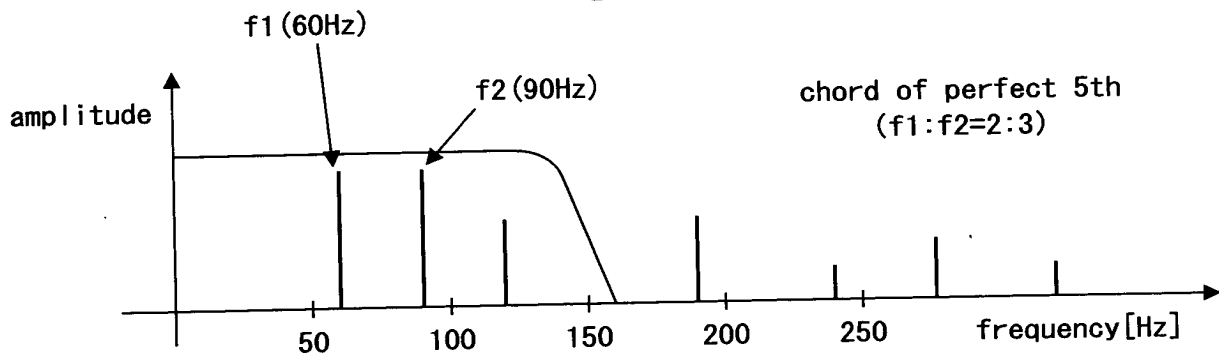


Fig. 12(a) Prior Art

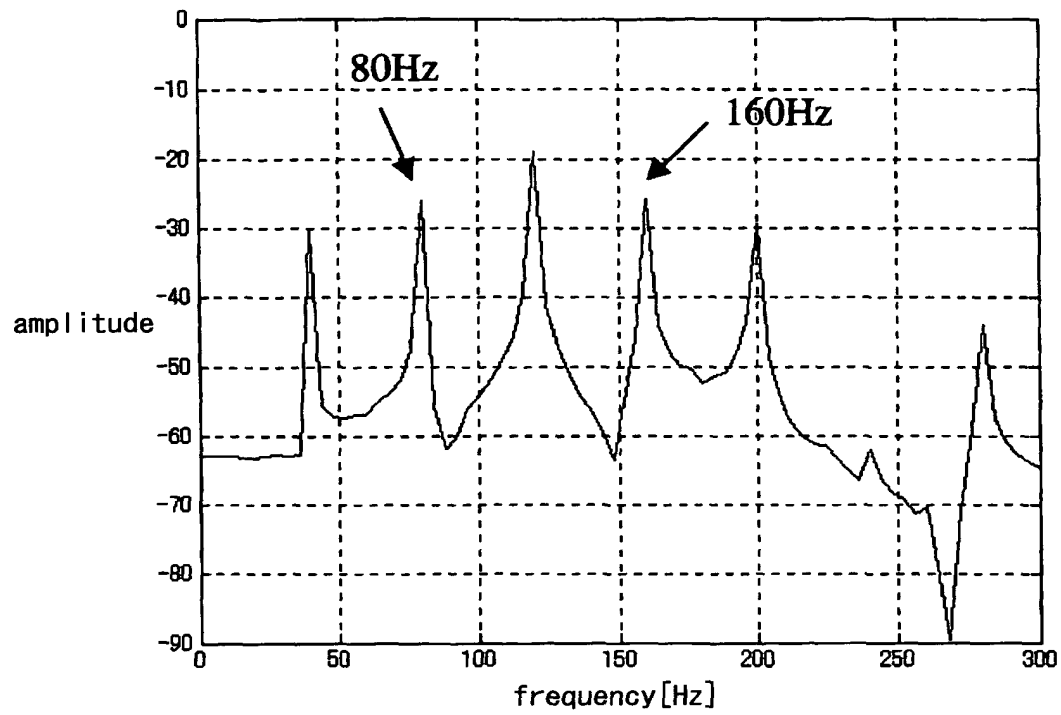


Fig. 12(b) Prior Art

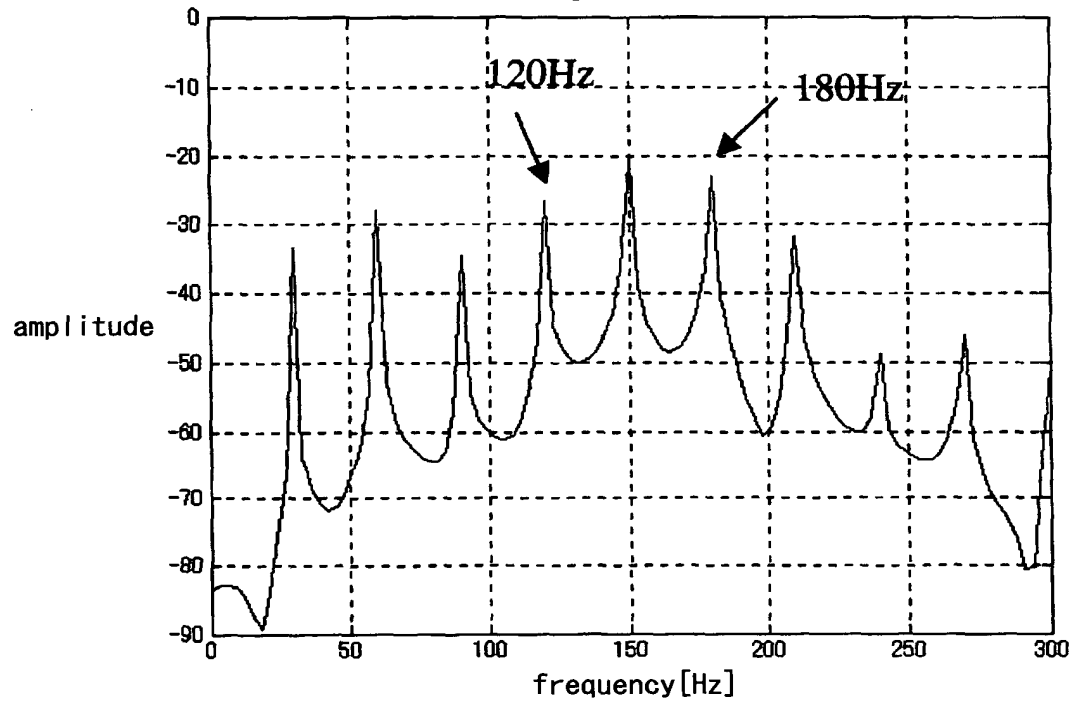


Fig. 13(a) Prior Art
(original waveform)

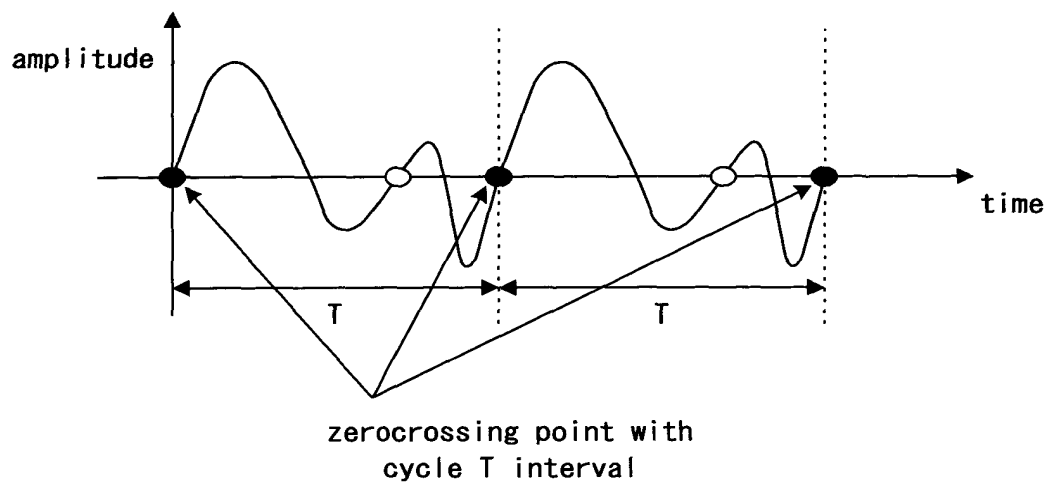


Fig. 13(b) Prior Art
(ideal)

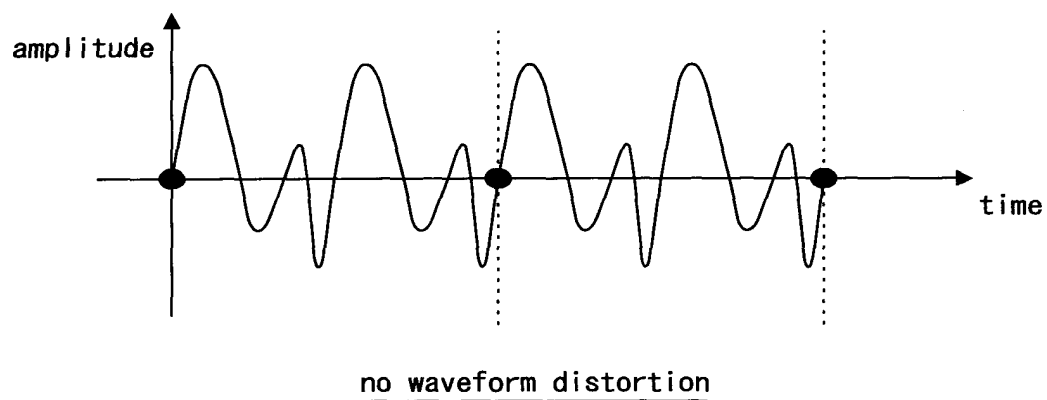


Fig. 13(c) Prior Art
(after processing)

